

Converting Colors

Decimal(4679777)

Have a look what the booklet for
Decimal(4679777) contains.

Decimal(4679777)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(4679777)

Conversions

Conversions Part 1

Format	Color
Hex	476861
RGB	71, 104, 97
RGB Percent	28%, 41%, 38%
CMY	0.7216, 0.5922, 0.6196
CMYK	0.32, 0.00, 0.07, 0.59
HSL	167°, 19%, 34%
HSV	167°, 32%, 41%
XYZ	9.7065, 12.1033, 13.1338
YIQ	93.3350, -17.4210, -9.1730

Conversions

Conversions Part 2

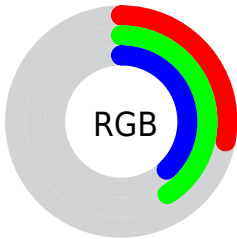
Format	Color
RYB	71, 89, 104
Decimal	4679777
CIELab	41.38, -13.62, 0.11
CIELCh	41, 13.617, 179.530
Yxy	12.1033, 0.2778, 0.3464
Android (android.graphics.Color)	4282869857 (0xFF476861)
YUV	93.3350, 1.8068, -19.5878
Hunter-Lab	34.7898, -11.0798, 1.9697

Details

The Decimal color **4679777** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6833998**, and the grayscale version is **6118749**.

A 20% lighter version of the original color is **7969684**, and **1653043** is the 20% darker color. If you saturate the color by 10%, you get **4024415**, and if you desaturate by 10%, it is **5335139**.

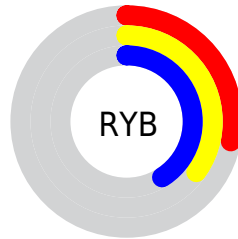
Distribution



Red (28%)

Green (41%)

Blue (38%)



Red (28%)

Yellow (35%)

Blue (41%)

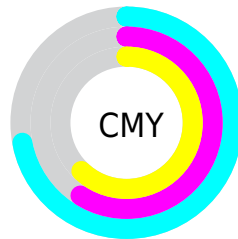


Cyan (32%)

Magenta (0%)

Yellow (7%)

Black (59%)



Cyan (72%)

Magenta (59%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4679777 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 4679777 by changing the saturation by 10% instead.

■ 4679777

■ 4679777

16777215

■ 3166281

■ 7969684

■ 1653043

■ 9680558

■ 140062

■ 11457225

■ 2564

■ 13233894

■ 0

■ 15073279

■ 4679777

■ 4679777

■ 4024415

■ 5335139

■ 3303517

■ 6056037

■ 2648154

■ 6711400

■ 1927256

■ 7432298

■ 1271894

■ 8087660

■ 616532

■ 8743022

■ 26706

■ 9463920

■ 10119283

■ 10840181

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



5334870



4679777



4417644

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4679777



6512501



7626063

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4679777



6833998

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



7952983



4679777



7363437

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4679777



5530488



7821922



6971723

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4679777



4548466



7821922



7756881

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4679777



8030084



5138503



4015427



12895428



4539717

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4679777



5539708



4677480



3027762



29530



62143

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



6833998



8868959



6836295



3354159



7536664



15859763

Previews

White Background



This preview shows how the Decimal color 4679777 looks on a white background.

Color Contrast Check

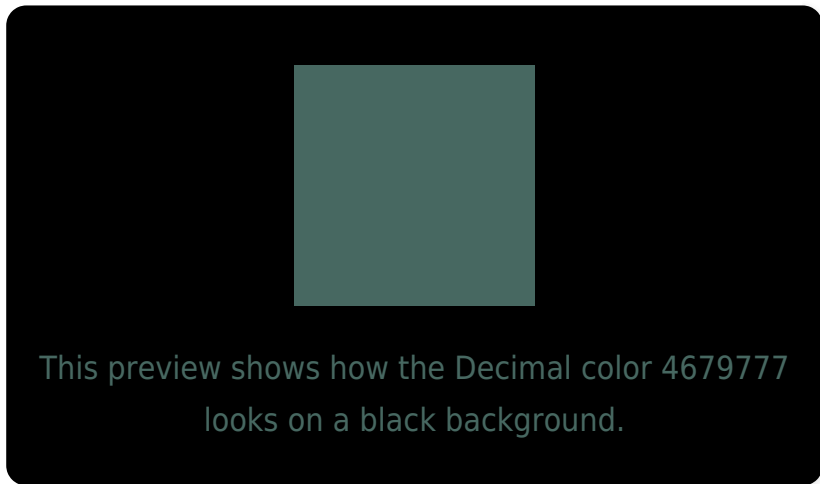
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

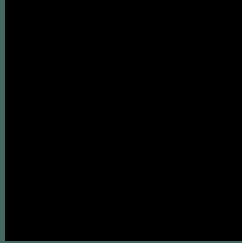
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 4679777 Background



This preview shows how black text looks on a background with the Decimal color 4679777.



This preview shows how white text looks on a background with the Decimal color 4679777.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

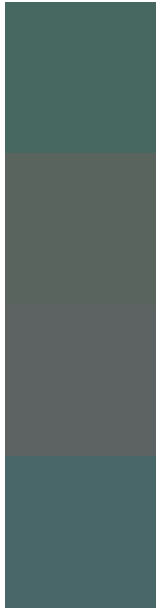


Original Color
4679777

Protanopia
6578525

Deuteranopia
6970979

Trichromacy



Original Color

4679777

Protanomaly

5858398

Deuteranomaly

6120034

Tritanomaly

4810601

Monochromacy



Original Color

4679777

Achromatopsia

6118749

Achromatomaly

5595486

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4679777 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #476861 looks like.

```
.text, #text, p{  
  color:#476861  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #476861 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #476861
}
```

Border

The CSS property to change the border of an element to Decimal 4679777 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#476861 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#476861 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #476861 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #476861; -webkit-box-shadow:4px 4px  
4px 4px #476861; box-shadow:4px 4px 4px  
4px #476861 }
```

Background

The CSS property to change the background color of an element to Decimal 4679777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#476861 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#476861 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor